#2   #2

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RAW SEQUENCE LISTING   DATE: 08/23/2001
PATENT APPLICATION: US/09/924,824   TIME: 15:09:26

Input Set : A:\20183Y SEQLIST.txt
Output Set: N:\CRF3\08162001\I924824.raw

```
  4 <110> APPLICANT: Merck & Co., Inc.
  5        Feng, Dong-Mei
  7 <120> TITLE OF INVENTION: CONJUGATES USEFUL IN THE TREATMENT OF
  8        PROSTATE CANCER
 10 <130> FILE REFERENCE: 20183Y
 12 <140> CURRENT APPLICATION NUMBER: US/09/924,824
 12 <141> CURRENT FILING DATE: 2001-08-08
 12 <150> PRIOR APPLICATION NUMBER: 60/076,860
 13 <151> PRIOR FILING DATE: 1998-03-05
 15 <160> NUMBER OF SEQ ID NOS: 108
 17 <170> SOFTWARE: FastSEQ for Windows Version 3.0
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 7
 21 <212> TYPE: PRT
 22 <213> ORGANISM: Artificial Sequence
 24 <220> FEATURE:
 25 <223> OTHER INFORMATION: completely synthetic amino acid sequence
 27 <400> SEQUENCE: 1
 28  Asn Lys Ile Ser Tyr Gln Ser
 29   1               5
 31 <210> SEQ ID NO: 2
 32 <211> LENGTH: 6
 33 <212> TYPE: PRT
 34 <213> ORGANISM: Artificial Sequence
 36 <220> FEATURE:
 37 <223> OTHER INFORMATION: completely synthetic amino acid sequence
 39 <400> SEQUENCE: 2
 40  Lys Ile Ser Tyr Gln Ser
 41   1               5
 43 <210> SEQ ID NO: 3
 44 <211> LENGTH: 7
 45 <212> TYPE: PRT
 46 <213> ORGANISM: Artificial Sequence
 48 <220> FEATURE:
 49 <223> OTHER INFORMATION: completely synthetic amino acid sequence
 51 <400> SEQUENCE: 3
 52  Asn Lys Ile Ser Tyr Tyr Ser
 53   1               5
 55 <210> SEQ ID NO: 4
 56 <211> LENGTH: 7
 57 <212> TYPE: PRT
 58 <213> ORGANISM: Artificial Sequence
 60 <220> FEATURE:
 61 <223> OTHER INFORMATION: completely synthetic amino acid sequence
 63 <400> SEQUENCE: 4
 64  Asn Lys Ala Ser Tyr Gln Ser
 65   1               5
```

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RAW SEQUENCE LISTING   DATE: 08/23/2001
PATENT APPLICATION: US/09/924,824   TIME: 15:09:26

Input Set : A:\20183Y SEQLIST.txt
Output Set: N:\CRF3\08162001\I924824.raw

```
 67 <210> SEQ ID NO: 5
 68 <211> LENGTH: 5
 69 <212> TYPE: PRT
 70 <213> ORGANISM: Artificial Sequence
 72 <220> FEATURE:
 73 <223> OTHER INFORMATION: completely synthetic amino acid sequence
 75 <400> SEQUENCE: 5
 76  Ser Tyr Gln Ser Ser
 77  1                 5
 79 <210> SEQ ID NO: 6
 80 <211> LENGTH: 5
 81 <212> TYPE: PRT
 82 <213> ORGANISM: Artificial Sequence
 84 <220> FEATURE:
 85 <223> OTHER INFORMATION: completely synthetic amino acid sequence
 87 <400> SEQUENCE: 6
 88  Lys Tyr Gln Ser Ser
 89  1                 5
 91 <210> SEQ ID NO: 7
 92 <211> LENGTH: 5
 93 <212> TYPE: PRT
 94 <213> ORGANISM: Artificial Sequence
 96 <220> FEATURE:
 97 <223> OTHER INFORMATION: completely synthetic amino acid sequence
 99 <221> NAME/KEY: VARIANT
100 <222> LOCATION: (1)...(1)
101 <223> OTHER INFORMATION: homoarginine
103 <400> SEQUENCE: 7
```
W--> `104  Xaa Tyr Gln Ser Ser`
```
105     1                 5
107 <210> SEQ ID NO: 8
108 <211> LENGTH: 5
109 <212> TYPE: PRT
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: completely synthetic amino acid sequence
115 <221> NAME/KEY: VARIANT
116 <222> LOCATION: (1)...(1)
117 <223> OTHER INFORMATION: homoarginine
119 <221> NAME/KEY: VARIANT
120 <222> LOCATION: (2)...(2)
121 <223> OTHER INFORMATION: cyclohexylalanine
123 <400> SEQUENCE: 8
```
W--> `124  Xaa Xaa Gln Ser Ser`
```
125   1                 5
127 <210> SEQ ID NO: 9
128 <211> LENGTH: 4
129 <212> TYPE: PRT
130 <213> ORGANISM: Artificial Sequence
```

RAW SEQUENCE LISTING   DATE: 08/23/2001
PATENT APPLICATION: US/09/924,824   TIME: 15:09:26

Input Set : A:\20183Y SEQLIST.txt
Output Set: N:\CRF3\08162001\I924824.raw

```
132 <220> FEATURE:
133 <223> OTHER INFORMATION: completely synthetic amino acid sequence
135 <400> SEQUENCE: 9
136  Tyr Gln Ser Ser
137   1
139 <210> SEQ ID NO: 10
140 <211> LENGTH: 4
141 <212> TYPE: PRT
142 <213> ORGANISM: Artificial Sequence
144 <220> FEATURE:
145 <223> OTHER INFORMATION: completely synthetic amino acid sequence
147 <400> SEQUENCE: 10
148  Tyr Gln Ser Leu
149   1
151 <210> SEQ ID NO: 11
152 <211> LENGTH: 4
153 <212> TYPE: PRT
154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: completely synthetic amino acid sequence
159 <221> NAME/KEY: MOD_RES
160 <222> LOCATION: (4)...(4)
161 <223> OTHER INFORMATION: Nle
163 <400> SEQUENCE: 11
164  Tyr Gln Ser Leu
165   1
167 <210> SEQ ID NO: 12
168 <211> LENGTH: 4
169 <212> TYPE: PRT
170 <213> ORGANISM: Artificial Sequence
172 <220> FEATURE:
173 <223> OTHER INFORMATION: completely synthetic amino acid sequence
175 <221> NAME/KEY: VARIANT
176 <222> LOCATION: (1)...(1)
177 <223> OTHER INFORMATION: cyclohexylglycine
179 <400> SEQUENCE: 12
180  Xaa Gln Ser Leu
181   1
183 <210> SEQ ID NO: 13
184 <211> LENGTH: 4
185 <212> TYPE: PRT
186 <213> ORGANISM: Artificial Sequence
188 <220> FEATURE:
189 <223> OTHER INFORMATION: completely synthetic amino acid sequence
191 <221> NAME/KEY: VARIANT
192 <222> LOCATION: (1)...(1)
193 <223> OTHER INFORMATION: cyclohexylglycine
195 <221> NAME/KEY: MOD_RES
196 <222> LOCATION: (4)...(4)
```

W--> 180 (handwritten annotations: "OK", "Nle is a modified version of Leu.", "OK")

```
        197 <223> OTHER INFORMATION: Nle
        199 <400> SEQUENCE: 13
W-->    200   Xaa Gln Ser Leu
        201   1
        203 <210> SEQ ID NO: 14
        204 <211> LENGTH: 4
        205 <212> TYPE: PRT
        206 <213> ORGANISM: Artificial Sequence
        208 <220> FEATURE:
        209 <223> OTHER INFORMATION: completely synthetic amino acid sequence
        211 <400> SEQUENCE: 14
        212   Ser Tyr Gln Ser
        213   1
        215 <210> SEQ ID NO: 15
        216 <211> LENGTH: 4
        217 <212> TYPE: PRT
        218 <213> ORGANISM: Artificial Sequence
        220 <220> FEATURE:
        221 <223> OTHER INFORMATION: completely synthetic amino acid sequence
        223 <221> NAME/KEY: VARIANT
        224 <222> LOCATION: (2)...(2)
        225 <223> OTHER INFORMATION: cyclohexylglycine
        227 <400> SEQUENCE: 15
W-->    228   Ser Xaa Gln Ser
        229   1
        231 <210> SEQ ID NO: 16
        232 <211> LENGTH: 5
        233 <212> TYPE: PRT
        234 <213> ORGANISM: Artificial Sequence
        236 <220> FEATURE:
        237 <223> OTHER INFORMATION: completely synthetic amino acid sequence
        239 <400> SEQUENCE: 16
        240   Ser Tyr Gln Ser Val
        241   1                 5
        243 <210> SEQ ID NO: 17
        244 <211> LENGTH: 5
        245 <212> TYPE: PRT
        246 <213> ORGANISM: Artificial Sequence
        248 <220> FEATURE:
        249 <223> OTHER INFORMATION: completely synthetic amino acid sequence
        251 <221> NAME/KEY: VARIANT
        252 <222> LOCATION: (2)...(2)
        253 <223> OTHER INFORMATION: clclohexylglycine
        255 <400> SEQUENCE: 17
W-->    256   Ser Xaa Gln Ser Val
        257   1                 5
        259 <210> SEQ ID NO: 18
        260 <211> LENGTH: 5
        261 <212> TYPE: PRT
```

RAW SEQUENCE LISTING   DATE: 08/23/2001
PATENT APPLICATION: US/09/924,824   TIME: 15:09:26

Input Set : A:\20183Y SEQLIST.txt
Output Set: N:\CRF3\08162001\I924824.raw

```
262 <213> ORGANISM: Artificial Sequence
264 <220> FEATURE:
265 <223> OTHER INFORMATION: completely synthetic amino acid sequence
267 <400> SEQUENCE: 18
268   Ser Tyr Gln Ser Leu
269    1                 5
271 <210> SEQ ID NO: 19
272 <211> LENGTH: 5
273 <212> TYPE: PRT
274 <213> ORGANISM: Artificial Sequence
276 <220> FEATURE:
277 <223> OTHER INFORMATION: completely synthetic amino acid sequence
279 <221> NAME/KEY: VARIANT
280 <222> LOCATION: (2)...(2)
281 <223> OTHER INFORMATION: cyclohexylglycine
283 <400> SEQUENCE: 19
```
W--> 284   Ser Xaa Gln Ser Leu
```
285    1                 5
287 <210> SEQ ID NO: 20
288 <211> LENGTH: 6
289 <212> TYPE: PRT
290 <213> ORGANISM: Artificial Sequence
292 <220> FEATURE:
293 <223> OTHER INFORMATION: completely synthetic amino acid sequence
295 <221> NAME/KEY: VARIANT
296 <222> LOCATION: (1)...(1)
297 <223> OTHER INFORMATION: cyclic amino acid substituted with a hydrophilic
298       moiety
300 <221> NAME/KEY: VARIANT
301 <222> LOCATION: (2)...(2)
302 <223> OTHER INFORMATION: any amino acid
304 <400> SEQUENCE: 20
```
W--> 305   Xaa Xaa Ser Tyr Gln Ser
```
306    1                 5
308 <210> SEQ ID NO: 21
309 <211> LENGTH: 6
310 <212> TYPE: PRT
311 <213> ORGANISM: Artificial Sequence
313 <220> FEATURE:
314 <223> OTHER INFORMATION: completely synthetic amino acid sequence
316 <221> NAME/KEY: VARIANT
317 <222> LOCATION: (1)...(1)
318 <223> OTHER INFORMATION: cyclic amino acid substituted with a hydrophilic
319       moiety
321 <221> NAME/KEY: VARIANT
322 <222> LOCATION: (2)...(2)
323 <223> OTHER INFORMATION: any amino acid
325 <400> SEQUENCE: 21
```
W--> 326   Xaa Xaa Lys Tyr Gln Ser

Use of n and / or Xaa has been detected in the
Sequence Listing. Review the Sequence Listing
to ensure a corresponding explanation is present
in the <220> to <223> fields of each sequence
using n or Xaa.

VERIFICATION SUMMARY   DATE: 08/23/2001
PATENT APPLICATION: US/09/924,824   TIME: 15:09:27

Input Set : A:\20183Y SEQLIST.txt
Output Set: N:\CRF3\08162001\I924824.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:104 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:180 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:256 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:284 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:305 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:326 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:351 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:380 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:397 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:422 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:443 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:26
L:471 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:499 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:527 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:555 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:571 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:591 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:619 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:647 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:663 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41
L:683 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:699 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:715 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44
L:731 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:747 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:763 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:779 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:795 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49
L:811 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50
L:827 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51
L:843 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52
L:863 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53
L:883 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:54
L:899 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55
L:915 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:56
L:935 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57
L:955 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:975 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
L:995 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60
L:1015 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61
L:1035 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62
L:1055 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63
L:1075 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:64

VERIFICATION SUMMARY   DATE: 08/23/2001
PATENT APPLICATION: **US/09/924,824**   TIME: 15:09:27

Input Set : **A:\20183Y SEQLIST.txt**
Output Set: **N:\CRF3\08162001\I924824.raw**

L:1091 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65
L:1107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66
L:1127 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67
L:1147 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68